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Module Variable Voltage Regulator

- **Note:** If R20 is loaded, output is 2.5V

System Power Selection Jumper

- **Note:** Do not remove jumper when powered

Reverse Voltage Protection

- **Note:** Remove R65 to disable on-board supply.

Current Measurement

- **Note:** Remove R65 to measure PSOC 6 MCU current across VTARG and P6_VDD

Backup Voltage

- **Note:** VCC_3.6V and P6_VDD are optional for the module.

PSOC 6 MCU USB Voltage

- VDD_USB
- VCC_3V3

Decoupling Capacitors

- **Note:** VDDA and VDD are optional for the module.

Module I/O Voltage Regulator

- VCC_5V
- VCC_3V6
- VCC_3V3
- VCC_1V8
- VCC_5V

Module Power LED

- **Note:** Do not remove jumper when powered

Input Supply Header

- **Note:** Remove R65 to measure PSOC 6 MCU current across VTARG and P6_VDD
Note: Maximum voltage on P6_VDD is 3.6V. Supplying 5V through the 10-pin header will permanently damage the device.
Accessories

PCBA label
LBL PCA Label

Bumper
RBS-27  RBS-27  RBS-27  RBS-27  RBS-27

Jumper Shunt
SPC02SVAN

Acrylic Overlay

Color: Clear, Transparent
Finish: Matt
L = 89.26mm
W = 20.62mm
Thickness = 1mm

ACC14
USB Micro-B Cable

RBS-27  RBS-27  RBS-27  RBS-27  RBS-27

USB Micro-B Cable
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<td>01</td>
<td>Initial Internal release</td>
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